CC-B2 - Boxes 1 and 2



CC-B2 – Boxes 3 and 4



CC-B2 - Boxes 5 and 6



CC-B2 - Box 7







Prepared By: <u>MBL</u> Date: <u>3/5/14</u> Checked By: <u>JCM</u> Date: <u>3/5/14</u>

SHEET 1 OF 1

BECH1	TEL NO.:	25847				ΔN	IEC PF	ROJE	CT NO.: 6	468-	13-1072	C	OUN	ITY:	Roane, TN	GEO	SHEET LOGIST: N		
	ESCRIPT	-9/10/17/9 - 50000	linch	River S	MP	D 12000	N N N N N N N N N N N N N N N N N N N			100000000000000000000000000000000000000	D _ 0000210200_07				J. Elswick (TVA			Boring Ori	ientatio
	IG NO.:		ZIIII GE	I I WASH S	>141 <u>1.</u>		1000 			10-010	t Excavati				CHINE: CAT 314				
			7.0	/b: A1	/D^	_												Inclination:	NA
	ND ELEV.								570,142		JAN) π cu)83) E.	AST	ING:	2,448,651		ft (NAD83)	Azimuth:	NA
	DEPTH:		_						2488-098		Ι				ROD TYPE: NA		HAMMER (II		
ARCHEUM	STARTED	1525 - TORENBOOKSEN			ETE	ED: 9/1			DIA.: N		CASING		1 .	A ft	CORE SIZE:NA	٩	BITS USE	D: NA	
LEV.	DEPTH			DUNT	٠ ا	i .	ВL 20	-OWS 40	PER FOO 60	1 8	0 100	SAMP	0		SOIL I	DESCF	RIPTION AND	REMARKS	
(ft)	(ft)	0.5ft	0.5ft	0.5ft	Ť,	í	<u> </u>	<u></u>	<u>i</u>		100	NO.	G						
796.7							C	Ground	d Surface)				796.7					
-	-				١,								• 8	795.7	FILL: WELL GRA	ADED (GRAVEL with	Clay (GW-GC)), dusky few fine
-	†						w							∱ '	to coarse sand, s	trong H	CL reaction		- 1
•	<u> </u>													Ī	FILL: Gravelly LE and reddish brow	n (5YR	(4/4), moist, r	nedium plasticit	ty fines,
	ļ				1.0									-	few fine to coars reaction	se san	d, trace root	fragments, we	ak HCI
790.7 -	6.0													790.7					
-	+								* * * *			S-1		-	RESIDUAL SOIL (5YR 5/6), and	light o	live brown (2	2.5Y 5/4), mois	st. hiah
	[+									788.7	plasticity fines, lit	tle fine	to coarse gra	avel, few fine to	coarse
														_	Test pit terminate) feet.		
														-	NOTE:				
_	+													-	Bulk samples coll				
•	<u>†</u>													t	6.0-8.0ft: S-1, two		on buckets wit	th lids and two s	oil jars
	Ī l														The Northing/Eas	sting a	nd Ground E	levation shown	above
	+													-	are for the floranc	11111100	COOTION OF THE	toot pit loodtion	
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Prepared By: MBL Date: 3/5/14

Checked By: <u>JCM</u> Date: <u>3/5/14</u>

BECHT	EL NO.: 2	25847					AMEC	PROJ	IECT N	NO.: 646	8-1	3-1072	С	OUN	ITY:	Roane, TN	GEO	LOGIST: N	1 OF 1	
SITE DESCRIPTION: Clinch River SMR I							D ASSAULT 401							AND MADE	4112	J. Elswick (TVA			Boring Orie	entation
	G NO.: 1		Jiiio	,11 IX	IVEI OII	IIX.	-	70032-05-000	vi 2000 - 190	VENEZA CONTRACTOR	10-000	Excavat				CHINE: CAT 314			1	NA
	ND ELEV.		1 5 4		(NIAN/F	120	B) NORTH									2,448,045		ft (NAD83)	Azimuth:	NA
					Marine areas			Mary Mary Service		**************************************	J	O IL (IVAL	,03) E	HO 1	iivG.	1			00000	NA
	DEPTH:			-			ETHODS: /					0.4.01110	DEDT			ROD TYPE: NA		HAMMER (I	•	
	DEPTH	2- 104010000000	707 to =			ΙE	D: 9/19/13			R FOOT		CASING		Τ.	Aπ	CORE SIZE:NA	1	BITS USE	D: NA	
LEV. (ft)	_	0.5ft	OW C		0.5ft	0	20	6LOV		60	80	100	SAMP NO.	10		SOIL I	DESCF	RIPTION AND	REMARKS	
(it)	(11)	0.510	0.5	+	U.SIL	Ī	T_	1		Т			NO.	G						
311.5								Grou	und St	ırface					811.5	5				
310.5	1.0					•							S-1	8 X	810.5	FILL: CLAYEY G	RAVEI es, tra	_ (GC), dusky ce fine to co	y red (10R 3/2), barse sand, trac	moist, e root <i>i</i>
1	_					2.47						* • • *			809.0	fragments, strong FILL: Gravelly LE	HCL r	eaction	nd (CL) strong	brown
	_			\dashv										3	-	(7.5YR 5/6) and	d dusk	y red (10R	3/2), moist, m	edium
-	-														F	placticity fines, litt sand, trace root fr				coarse
-	-														-	WEATHERED	ROCK	: CALCAR	EOUS SILTS	
1	-														\vdash	sampled as WEL dusky red (10R	L GRA 3/2), n	noist, non-pla	et with Silt (GW astic fines, few o	v-Givi),i coarse
=	-														ŀ	sand, strong HCI				
1																Test pit terminate	u at 3.t	, ieel.		
	-k														-	NOTE:				
1.	-														H	Bulk samples coll 1.0-2.5ft: S-1, thr		allon buckets	with lids and fv	vo soil
+	-														-	jars	- 9		and th	_0
-																The Northing/Eas	sting a	nd Ground E	levation shown	above
1																are for the norther	m mos	t corner of the	test pit location.	
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Prepared By: MBL Date: 3/5/14

Checked By: <u>JCM</u> Date: <u>3/5/14</u>

BECHT	EL NO.: 2	25847				AME	C PRO	JECT	NO.: 646	68-1	3-1072	C	OUN	TY:	Roane, TN	GEO	SHEET LOGIST: N		
SITE DESCRIPTION: Clinch River SMR Project, Roane County, Tennessee													J. Elswick (TVA			Boring Orio	entatio		
	G NO.: 1		Jiiiici	i i i i voi c	1911 \	1	*****	-01001 277700	NA-Test	19-1575		10- V	16 · 6	2000 B - 20	CHINE: CAT 314				NA
	ND ELEV.		5 #4	/NIAV	יסרו/	8) NOF									2,449,643		ft (NAD83)	Azimuth:	NA
	DEPTH:								488-09a	<u> </u>	O IL (IVAL		-\J	.40.	ROD TYPE: NA			20000	INA
											CACINIC	DEDT	T. NI	A 54			HAMMER (II		
	DEPTH			DUNT		ט: אווש			ER FOOT		CASING	SAMP.	T .	Aπ	CORE SIZE:NA	<u> </u>	BITS USE	D: NA	
(ft)		0.5ft	0.5ft		٥ ا	2		40	60	80	100	NO.	O G		SOIL [DESCR	RIPTION AND	REMARKS	
(10)	(10)	0.010	0.01	0.010	+1	1		1				110.	G						
300.5							Gr	ound S	Surface				11	800.5		A \ / = \ /	OANID	O (00) d	ar veu
_	İ l									: :				1	COLLUVIUM: CL (2.5YR 3/6), moi:	st, fine	to coarse s	and, nonplastic	to low
797.5	3.0				2.47						* • • •			-	plasticity fines, li coarse sand, no h	ittle fin ICI read	e to coarse ction (possible	gravel, some e terrace deposit	tine to
-	- 3.3											S-1		-	3		and a		
(e	 													}					
-	<u> </u>				140									L					
-	<u> </u>					* * * *								793.5 -	RESIDUAL SOIL	: SILT	(ML), dark	reddish brown	(2.5YR
	ļ				121										3/3), red (2.5YR non-plastic to low	4/6), aı	nd grayish br	own (2.5Y 5/2),	moist,
90.5	10.0											S-2		-	no HCI reaction		, , , , , , , , , , , , , , , , , , , ,	,	,
_	<u> </u>										* * * *	S-2							
-					+								Ш	788.5 -	Test pit terminate	d at 12.	.0 feet.		
														=	NOTE:				
-														}	Bulk samples coll-	ected:			
_	t l													_	3.0-6.0ft: S-1, two	5-gallo	on buckets wit	th lids and two so	oil jars
-	[10.0-12.0ft: S-2, t jars	two 5-g	jalion buckets	s with iids and t	WO SOII
-	-													-	The Northing/Eas	sting ar	nd Ground E	levation shown	above
-	 													}	are for the norther	n most	corner of the	test pit location.	
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